MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

APRIL 1955

GIORGIO CONTINO, ACTING DIRECTOR

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WEATHER BUREAU

APRIL 1955

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	60.8	59.5	59.2	59.8	28.8	23.2	21.4	28.3	24.7	24.8
2	58.6	57.2	55.7	57.2	31.7	25.0	29.2	26.3	26.6	27.4
3	56.3	55.0	55.1	55.5	33.7	21.7	30.0	27.4	24.2	27.2
4	55.0	57.7	59.8	57.5	27.7	16.6	24.4	24.1	18.4	22.3
5	60.5	60.1	59.4	60.0	22.8	15.2	19.8	21.7	18.0	19.8
6	58.8	57.8	59.0	58.5	19.3	12.4	15.6	17.3	13.8	15.6
7	59.7	59.7	60.8	60.1	19.7	12.8	15.7	17.8	13.7	15.7
8	61.1	61.0	61.1	61.1	18.8	10.0	12.4	17.8	14.1	14.8
9	60.0	61.7	63.4	61.7	18.8	13.2	14.2	18.8	15.0	16.0
10	64.0	63.2	63.7	63.6	19.9	12.2	16.6	19 5	14.6	16.9
11	64.4	64.5	65.1	64.7	20.5	13.7	15.8	20.4	15.5	17.2
12	64.5	63.8	63.8	64.0	20.7	15.7	17.8	20.4	16.2	18.1
13	62.4	61.4	62.4	62.1	24.2	15.7	21.7	23 1	18.4	21.1
14	62.3	61.7	61.3	61.8	22.0	14.8	19.4	20.8	17.7	19.3
15	57.6	56.9	57.8	57.4	23.8	16.7	19.2	22.9	21.1	21.1
16	61.9	62.7	63.9	62.8	22.7	14.4	19.7	22.2	17.7	19.9
17	63.8	62.9	61.8	62.8	21.6	14.8	19.7	21.3	17.2	19.4
18	59.2	58.2	58.5	58.6	22.5	15.6	19.3	21.9	18.8	20.0
19	61.4	61.6	62.1	61.7	21.5	14.3	18.4	21.2	16.1	18.6
20	62.8	61.9	61.1	61.9	22.4	15.1	19.1	22.1	16.2	19.1
21	60.1	61.0	61.7	60.9	21.7	15.3	18.3	19.7	16.7	18.2
22	63.3	63.4	63.7	63.5	21.7	13.9	18.7	21.3	16.3	18.8
23	62.9	62.0	60.2	61.7	21.9	16.9	17.4	21.6	18.8	19.3
24	55.7	53.9	53.0	54.2	29.5	19.4	23.2	27.1	24.4	24.9
25	52.9	55.0	55.4	54.4	24.7	17.1	21.2	21.2	18.9	20.4
26	56.3	56.4	54.9	55.9	23.5	16.1	20.0	22.5	18.3	20.3
27	55.9	55.7	57.1	56.2	23.9	13.4	20.3	22.4	15.1	19.3
28	59.4	59.6	60.9	60.0	22.7	15.7	19.9	22.3	17.4	19.9
29	60.6	59.6	58.3	59.5	23.4	16 0	20.3	22.8	17.5	20.2
30	57.0	56.6	56.3	56.6	22.8	15.0	20.7	22.1	17.8	20.2
31										
	59.97	59.72	59.88	59.86	23.30	15.73	19.65	21.94	17.97	19.86

Barometer, range for month 765.1 mm. — 752.9 mm.
„ 71-yr. average for month 760.03 mm.
Thermometer, range for month 33.7°C — 10.0°C
„ 71-yr. average for month 19.10°C
Rain total for month 88.38 mm.
„ 71-yrs average for month 55.16 mm.
„ Total, Sept. 1st. to end of month 696.75
„ 71-yrs. average. Sept. 1st. to end of month 870.00mm.

APRIL 1955

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	22.0	21.2	11.1	18.1	84	55	37	59	9.6	93.0	
2	10.5	18.5	10.4	13.1	24	55	29	36	3.7	230.0	
3	10.0	14.6	13.8	12.8	24	42	48	38	8.7	150.0	
4	18.0	20.3	17.6	18.6	58	68	83	70	9.1	220.0	
5	14.7	15.0	14.3	14.7	64	58	71	64	7.7	98 0	
6	14.0	14.2	14.4	14.2	80	74	90	81	1.1	211.0	7.62
7	15.6	14.3	14.4	14.8	88	70	92	83	4.5	216.0	22.35
8	11.0	11.8	9.6	10.8	78	58	63	66	6 5	629.0	4.57
9	10.5	10.4	10.6	10.5	68	49	62	60	7.5	359.0	17.52
10	10.7	12.5	12.0	11.7	57	56	72	62	8.2	256.0	0.25
11	13.6	14.8	13.0	13.8	75	61	74	70	9.3	69.0	5.84
12	13.8	14.8	14.6	14.4	68	61	81	70	9.6	93.0	
13	17.2	20.1	19.3	18.9	67	70	92	76	10.2	35.0	
14	17.3	17.0	18.1	17.5	76	71	88	78	11.6	124.0	
15	17.2	14.6	13.8	15.2	79	55	55	63	10.3	146.0	
16	15.1	15.7	14.8	15.2	68	58	73	66	8.9	74.0	
17	15.1	16 0	15.8	15.6	67	63	81	70	12.0	166.0	
18	16.2	16.1	13.4	15.2	72	63	62	66	11.7	359.0	
19	10.8	12.7	12.6	12.0	52	50	68	57	10.3	167.0	
20	11.9	15.7	14.1	13.9	55	58	78	64	10.8	58.0	
21	15.5	12.5	11.6	13.2	74	57	61	64	9.4	323.0	
22	11.4	11.6	12.1	11.7	52	47	68	56	10.5	109.0	
23	11.2	13.3	12.9	12.5	59	52	60	57	4.5	232.0	
24	17.7	20.2	11.1	16.3	62	56	37	52	8.3	224.0	
25	20.0	18.9	16.1	18.3	81	76	74	77	4 7	597.0	
26	16.9	18.6	10.8	15.4	73	70	51	65	10.5	235.0	
27	16.3	18.0	15.5	16.6	70	66	92	76	7.5	138.0	30.23
28	18.0	19.2	16.3	17.8	77	71	85	78	12.0	3.0	
29	17.0	19.3	16.9	17.7	71	69	87	76	9.7	2.0	
30	18.1	18.0	16.4	17.5	74	68	81	74	10.9	175.0	
31											
	14.91	16.00	13.91	14.93	66.6	60.9	69.8	65.8	8.64	193.03	2.95

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0 56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1ne	1e	1e	light	H.D. a.m
2	10cu-st	8ci-st	5ci	7.7	1e	1nw	1e	,,	
3	4cu-ci	4cu-st	0	2.7	2e	1ne	1ne	,,	
4	0	0	0	0.0	3sw	2sw	1sw	,,	H. p.m
5	3cu-st	5st	10st	6.0	1w	1nw	1sw	,,	
6	10st	10st	10ni	10.0	2se	1sw	1sw	light	
7	5cu-st	10cu-st	10cu-st	8.3	1sw	1w	1w	,,	
8	1 ni	8cu	10st	9.3	3sw	3sw	1w	slight	
9	10cu-st	4cu	5st	6.3	4w	2w	1w	,,	
10	6cu-st	6cu-st	10cu-st	7.3	1sw	1sw	1s	light	M.p. m
11	7st	1cu	0	2.7	1sw	1sw	1e	light	M. p.m.
12	0	2cu-ci	0	0.7	1ne	1n	1e	,,	D. a.m M p.m
13	2cu-st	8ci-cu	0	3.3	1e	1n	1ne	,,	D. a.m. p.m.
14	0	6cu-st	0	2.0	1sw	1n	1ne	,,	D. a.m p.m.
15	0	10ci-st	10st	6 7	1ne	1ne	1nw	,,	
16	4cu-st	3cu-st	10st	5.7	1sw	1 w	1ne	light	
17	0	0	0	0.0	1ne	1n	1n	,,	D. a.m. p.m.
18	0	0	0	0.0	1sw	1sw	2w	,,	D. H. a.m p.m
19	6cu-st	2cu-st	7cu-st	5.0	1sw	2sw	1sw	slight	
20	0	6ci-st	0	2.0	1sw	1sw	1sw	light	D. p.m
21	6cu-st	9cu-st	5cu-st	6.7	1nw	2sw	1w	light	
22	3cu	1st	7st	3.7	2sw	1nw	1ne	slight	M. p.m
23	10st	10ci-st	7ci-st	9.0	1ne	1ne	3ne	light	D. a.m
24	7cu-st	8cu-st	1st	5.3	1e	1ne	1ne	,,	H. a.m p.m
25	5st	10ci-st	0	5.0	3sw	3sw	1sw	,,	H. a.m. p.m.
26	4ci-st	0	3ci	2.3	2sw	1sw	1sw	light	H. a.m p.m
27	5cu-ci	9cu-st	9st	7.7	1sw	1sw	1se	,,	Tr. a.m.
28	0	2cu-st	0	0.7	1sw	1nw	1e	,,	D. p.m
29	1cu-ci	10ci	7ci	6.0	1w	1w	1nw	,,	D. a.m p.m
30	8cu-ci	9cu-st	9cu-st	8.7	1w	1w	1w	,,	D. a.m
31									
	mean			4.69					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	5	4	1	0	15	4	1	0	30
14:30	4	4	1	0	0	12	5	4	0	30
20:30	1	7	5	1	1	7	6	2	0	30
Total	5	16	10	2	1	34	15	7	0	90

Number of days with rain 7, fog 0, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 6.23